

[illegible]

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APPROVED FOR FIG.	CLASS	SUBCLASS
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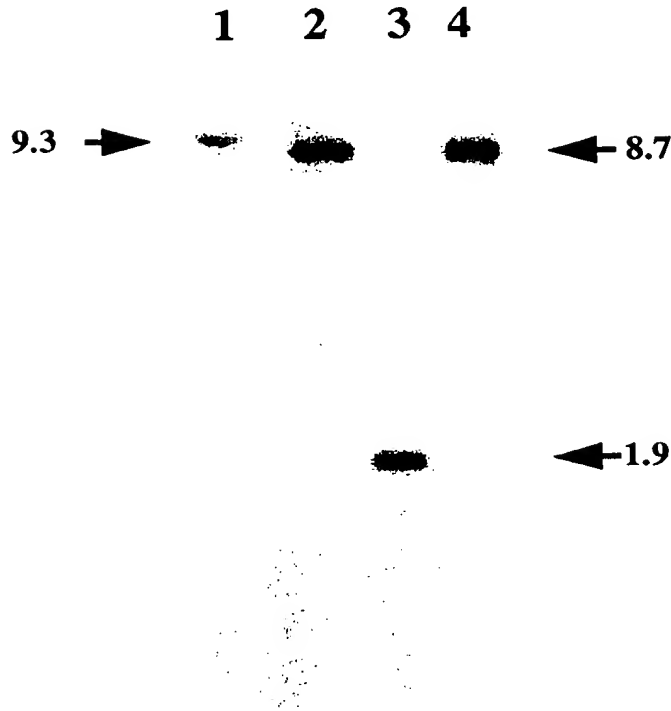


Fig. 2

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APPROVE	FIG.
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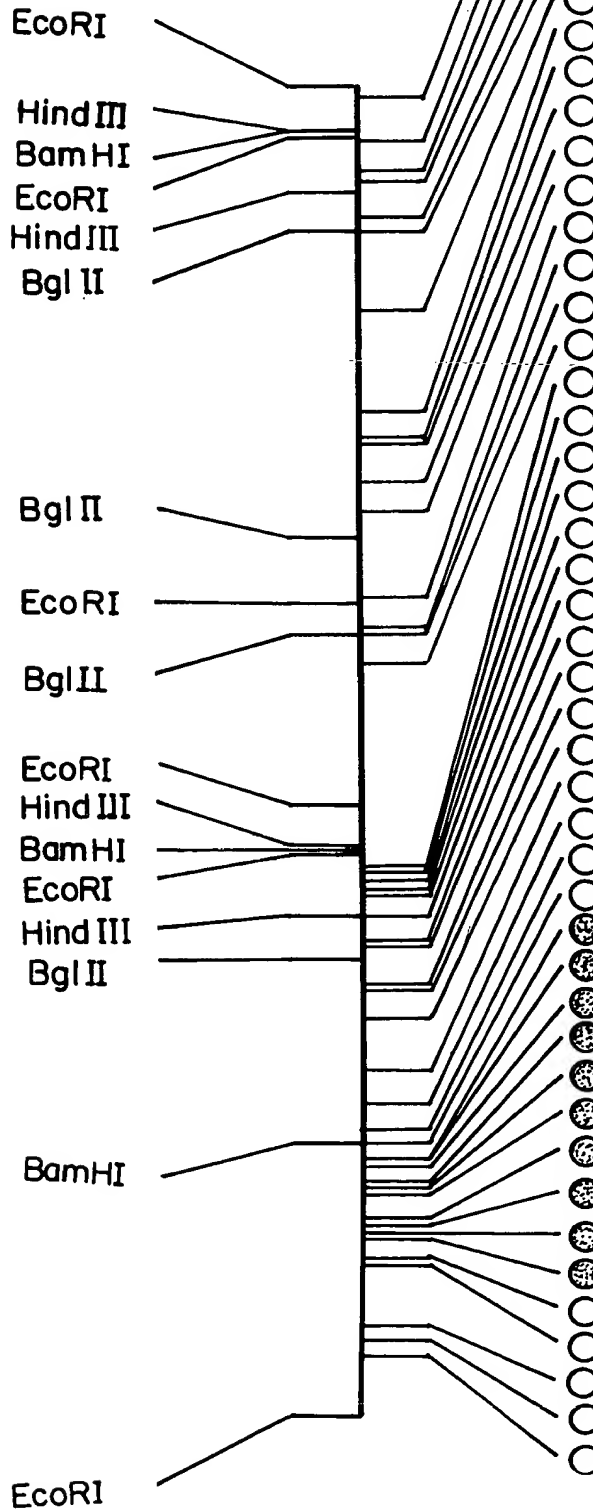


Fig. 3

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APPROVED	0.0.FIG.
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FIG. 4

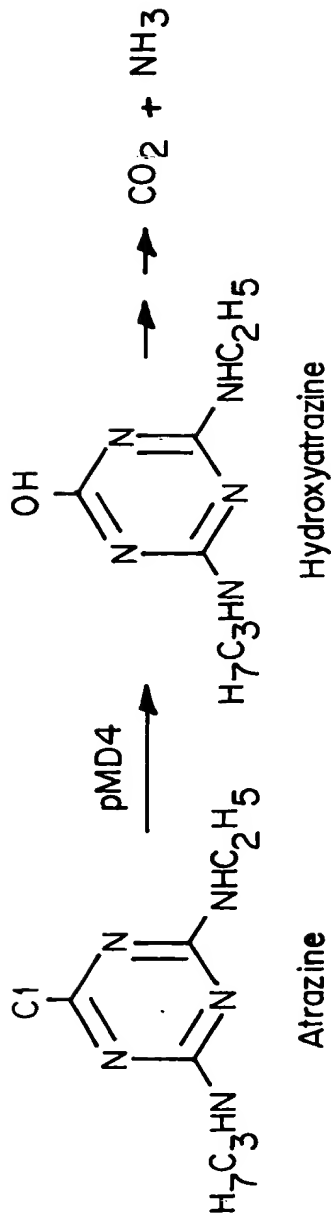


Fig. 4

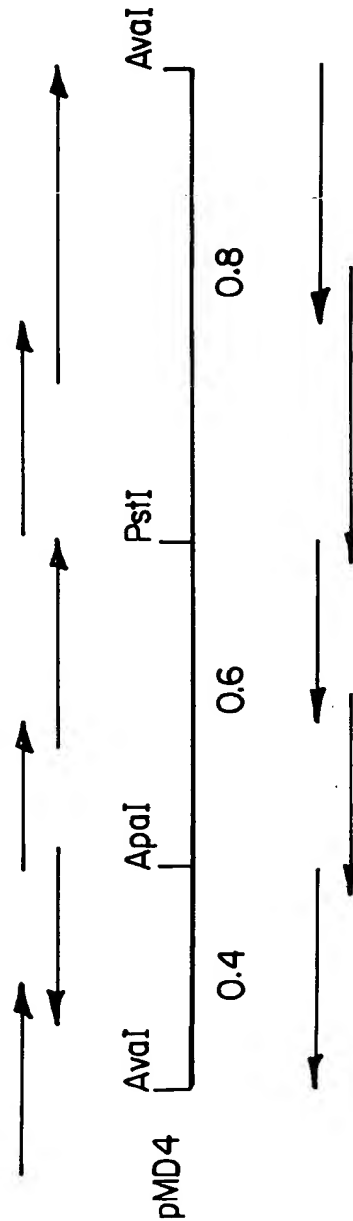


Fig. 5

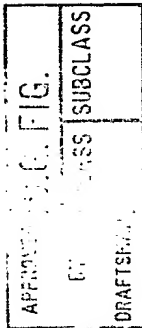
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Fig. 6

1 CTCGGGTAAC TTCTTGAGCG CGGCCACAGC AGCCTTGATC ATGAAGGCGA
51 GCATGGTGAC CTTGACGCCG CTCTTTTCGT TCTCTTTGTT GAACTGCACG
101 CGAAAGGCTT CCAGGTCCGT GATGTCCGCG TCGTCGTGGT TGGTGACGTG
151 CGGGATGACC ACCCAGTTGC GGTGCAGGTT TTTTCGATGGC ATAATATCTG

atzA →

201 CGTTGCGACG TGTAACACAC TATTGGAGAG ATATCATGCA AACGCTCAGC
251 ATCCAGCACG GTACCCTCGT CACGATGGAT CAGTACCGCA GAGTCCTTGG
301 GGATAGCTGG GTTCACGTGC AGGATGGACG GATCGTCGCG CTCGGAGTGC
351 ACGCCGAGTC GGTGCCCTCCG CCAGCGGATC GGGTGATCGA TGCACGCGGC
401 AAGGTCGTGT TACCCGGTTT CATCAATGCC CACACCCATG TGAACCAGAT
451 CCTCCTGCGC GGAGGGCCCT CGCACGGACG TCAATTCTAT GACTGGCTGT
501 TCAACGTTGT GTATCCGGGA CAAAAGGCGA TGAGACCGGA GGACGTAGCG
551 GTGGCGGTGA GGTGTATTG TGCGGAAGCT GTGCGCAGCG GGATTACGAC
601 GATCAACGAA AACGCCGATT CGGCCATCTA CCCAGGCAAC ATCGAGGCCG
651 CGATGGCGGT CTATGGTGAG GTGGGTGTGA GGGTCGTCTA CGCCCGCATG
701 TTCTTTGATC GGATGGACGG GCGCATTCAA GGGTATGTGG ACGCCTTGAA
751 GGCTCGCTCT CCCCAAGTCG AACTGTGCTC GATCATGGAG GAAACGGCTG
801 TGGCCAAAGA TCGGATCACA GCCCTGTCAG ATCAGTATCA TGGCACGGCA
851 GGAGGTCGTA TATCAGTTTG GCCCGCTCCT GCCACTACCA CGGCGGTGAC
901 AGTTGAAGGA ATGCGATGGG CACAAGCCTT CGCCCGTGAT CGGGCGGTAA
951 TGTGGACGCT TCACATGGCG GAGAGCGATC ATGATGAGCG GATTCATGGG
1001 ATGAGTCCCG CCGAGTACAT GGAGTGTTAC GGAATCTTGG ATGAGCGTCT
1051 GCAGGTCGCG CATTGCGTGT ACTTTGACCG GAAGGATGTT CGGCTGCTGC
1101 ACCGCCACAA TGTGAAGGTC GCGTCGCAGG TTGTGAGCAA TGCCTACCTC
1151 GGCTCAGGGG TGGCCCCCGT GCCAGAGATG GTGGAGCGCG GCATGGCCGT
1201 GGGCATTGGA ACAGATAACG GGAATAGTAA TGAATCCGCA AACATGATCG
1251 GAGACATGAA GTTTATGGCC CATATTCACC GCGCGGTGCA TCGGGATGCG
1301 GACGTGCTGA CCCAGAGAA GATTCTTGAA ATGGCGACGA TCGATGGGGC
1351 GCGTTCGTTG GGAATGGACC ACGAGATTGG TTCCATCGAA ACCGGCAAGC
1401 GCGCGGACCT TATCCTGCTT GACCTGCGTC ACCTCAGACG ACTCTCACAT
1451 CATTTGGCGG CCACGATCGT GTTTCAGGCT TACGGCAATG AGGTGGACAC
1501 TGTCCTGATT GACGGAAACG TTGTGATGGA GAACCGCCGC TTGAGCTTTC
1551 TTCCCCCTGA ACGTGAGTTG GCGTTCCTTG AGGAAGCGCA GAGCCGCGCC
1601 ACAGCTATTT TGCAGCGGGC GAACATGGTG GCTAACCAG CTTGGCGCAG
1651 CCTCTAGGAA ATGACGCCGT TGCTGCATCC GCCGCCCTT GAGGAAATCG
1701 CTGCCATCTT GGCGCGGCTC GGATTGGGGG GCGGACATGA CCTTGATGGA
1751 TACAGAATTG CCATGAATGC GGCATTCCG TCCTTCGCTC GTGTGGAATC
1801 GTTGGTAGGT GAGGGTCGAC TGCGGGCGCC AGCTTCCCGA AGAGGTGAAA
1851 GGCCCGAG



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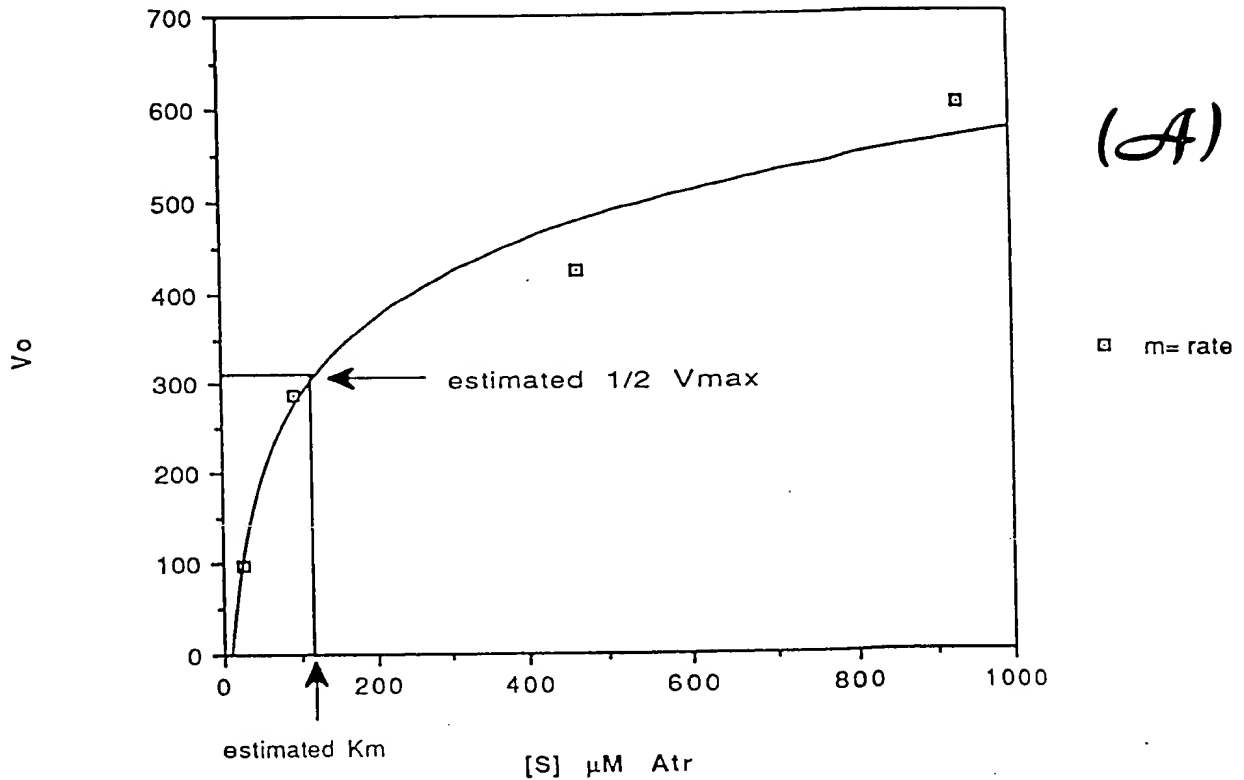
Fig. 7

1 MQTLSIQHGT LVTMDQYRRV LGDSWVHVQD GRIVALGVHA ESVPPPADRV
51 IDARGKVVL P GFINAHTVN QILLRGGPSH GRQFYDWLFN VVYPGQKAMR
101 PEDVAVAVRL YCAEAVRSGI TTINENADSA IYPGNIEAAM AVYGEVGVRV
151 VYARMFFDRM DGRIQGYVDA LKARSPQVEL CSIMEETAVA KDRITALSDQ
201 YHGTAGGRIS VWPAPATTTA VTVEGMRWAQ AFARDRAVMW TLHMAESDHD
251 ERIHGMSPAE YMECYGLLDE RLQVAHCVYF DRKDVRL LHR HN VKVASQVV
301 SNAYLGSGVA PVPEMVERGM AVGIGTDNGN SNDSANMIGD MKFMAHIHRA
351 VHRDADVLTP EKILEMATID GARSLGMDHE IGS IETGKRA DLILLDLRHL
401 RRLSHHLAAT IVFQAYGNEV DTVLIDGNVV MENRRLSFLP PERELAFLEE
451 AQRATAILQ RANMVANPAW RSL

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Rates for AtzA w/ atrazine



Lineweaver Burke plot
Km estimated to be 125 μ M

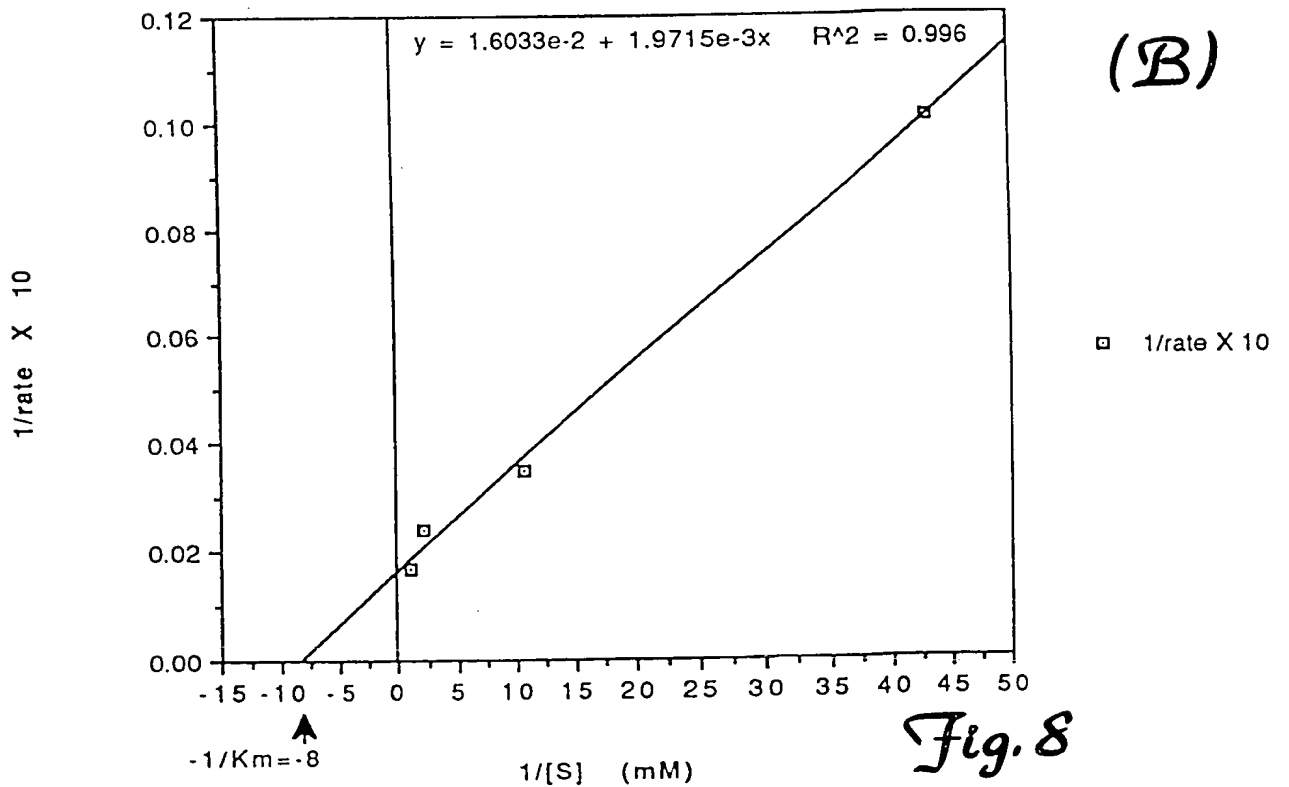


Fig. 8